

AMENDMENTS TO THE SPECIFICATION:

Please amend the title as follows:

DUAL OPTICAL ANGULAR ENCODER

On page 1 after the title, please insert the following:

CROSS - REFERENCE TO RELATED APPLICATIONS

The present Application is based on International Application No. PCT/EP2003/050741, filed on October 21, 2003, which in turn corresponds to FR 02/13406 filed on October 25, 2002, and priority is hereby claimed under 35 USC §119 based on these applications. Each of these applications are hereby incorporated by reference in their entirety into the present application.

On page 1 before the first paragraph, please insert the following heading:

FIELD OF THE INVENTION

On page 1 after the first paragraph, please insert the following heading:

BACKGROUND OF THE INVENTION

On page 3 after the third paragraph, please insert the following heading:

SUMMARY OF THE INVENTION

On page 4 after the second paragraph, please insert the following paragraph and heading:

Still other objects and advantages of the present invention will become readily apparent to those skilled in the art from the following detailed description, wherein the preferred embodiments of the invention are shown and described, simply by way of illustration of the best mode contemplated of carrying out the invention. As will be realized, the invention is capable of other and different embodiments, and its several details are capable of modifications in various

obvious respects, all without departing from the invention. Accordingly, the drawings and description thereof are to be regarded as illustrative in nature, and not as restrictive.

BRIEF DESCRIPTION OF THE DRAWINGS

On page 5 after the fourth paragraph, please insert the following heading:

DETAILED DESCRIPTION OF THE INVENTION

On page 11 after the second paragraph, please insert the following:

It will be readily seen by one of ordinary skill in the art that the present invention fulfills all of the objects set forth above. After reading the foregoing specification, one of ordinary skill will be able to affect various changes, substitutions of equivalents and various other aspects of the invention as broadly disclosed herein. It is therefore intended that the protection granted hereon be limited only by the definition contained in the appended claims and equivalents thereof.

ABSTRACT:

Please amend the current Abstract and enter the following new Abstract.